EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	"5696837".pn.",5383852". pn.",20050107808". pn.",5417210". pn.",6425865". pn.",6246200". pn.",6441577". pn.",5657429". pn.",5637090". pn.",20040254566". pn.",6246898". pn.",6123699". pn.",5808665".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 09:40
L2	13	l1 and (position or sensor or track$4 or trackable or distal or tip or catheter or probe or endoscope or degree or freedom or six or multiple or plurality or rotate or rotating or rotated or rotatable or pivot$4 or robot$3 or robotically or controller or thumb or control or servomechanism or display or image or iamging or hand or input or signal or receive or deflect$4 or roll or pitch or three or handle or end-effector or orientation or oreint$4 or steerable or steer $4 or motion or turn$4 or twist$4 or bend$4 or bendable or eject or giggle or vibrate or yawn or dimension or x or y or z or axis)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 09:47
L3	6	l1 and (deflect$4 or deflectable)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 09:49
L4	1	("20070062546").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/09 09:54

L6	13	l1 and (position or sensor or track$4 or trackable or distal or tip or catheter or probe or endoscope or degree or freedom or six or multiple or plurality or rotate or rotating or rotated or rotatable or pivot$4 or robot$3 or robotically or controller or thumb or control or servomechanism or display or image or imaging or hand or input or signal or receive or deflect$4 or roll or pitch or three or handle or end-effector or orientation or orient$4 or steerable or steer $4 or motion or turn$4 or twist$4 or bend$4 or bendable or eject or giggle or vibrate or yawn or dimension or x or y or z or axis)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 09:55
L7	7	l1 and (bend$4 or bendable or jiggle)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 09:56
L8	0	(postion with sensor with tip with catheter with distal)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 10:29
L9	115	(position with sensor with tip with catheter with distal)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 10:29
L10	9267	thumb with control	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 10:30
L11	5	l9 and l10	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 10:30
S1	1	("7052455").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 13:47
S2	1	("7025064").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 12:41
S3	1	("6400980").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 12:41
S4	1	("6327492").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 12:42
S5	1	("6162171").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 13:40
S6	1	("5368015").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 13:44
S7	1	S5 and ("endoscope" or "catheter")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:41
S8	0	S7 and thumb	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:42
S9	1	S7 and degrees	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:42

S10	1	S6 and ("endoscope" or "catheter")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:44
S11	1	S10 and degrees	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:45
S12	1	S11 and robo$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:46
S13	0	S12 and six	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:46
S14	0	S12 and three	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:46
S15	1	S1 and ("endoscope" or "catheter")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:47
S16	1	S15 and robo$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:47
S17	1	S16 and degrees	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:56
S18	0	S17 and six	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:47
S19	0	S17 and thumb	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:48
S20	0	S12 and thumb	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 13:48
S21	53	(600/145).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 13:56
S22	59	(600/145).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/08 13:57
S23	344	(600/146).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/08 14:18
S24	124	(600/152).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/08 15:03
S25	283	S23 not S24	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 14:19
S26	269	S25 not S22	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 17:28
S27	14	S26 and robo$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 14:50

S28	31	(US-20050080429-$ or US-20020183592-$ or US-20050215859-$ or US-20050187538-$ or US-20050090709-$ or US-20040193016-$ or US-20030195389-$ or US-20030023142-$ or US-20030018237-$ or US-20020062062-$ or US-20020022765-$).did. or (US-7052455-$ or US-5368015-$ or US-6162171-$ or US-7087013-$ or US-6846286-$ or US-6835173-$ or US-6770027-$ or US-6745065-$ or US-6203493-$ or US-5492131-$ or US-4340302-$ or US-4277168-$ or US-7066880-$ or US-6997870-$ or US-6899673-$ or US-6752758-$ or US-6554766-$ or US-5624380-$ or US-5275151-$ or US-5168864-$).did.	US-PGPUB; USPAT	OR	ON	2006/08/08 14:51
S29	7	S28 and robo$5	US-PGPUB; USPAT	OR	ON	2006/08/08 14:51
S30	36	(US-20050080429-$ or US-20020183592-$ or US-20050215859-$ or US-20050187538-$ or US-20050090709-$ or US-20040193016-$ or US-20030195389-$ or US-20030023142-$ or US-20030018237-$ or US-20020062062-$ or US-20020022765-$ or US-20030069475-$ or US-20030069474-$).did. or (US-7052455-$ or US-5368015-$ or US-6162171-$ or US-7087013-$ or US-6846286-$ or US-6835173-$ or US-6770027-$ or US-6745065-$ or US-6203493-$ or US-5492131-$ or US-4340302-$ or US-4277168-$ or US-7066880-$ or US-6997870-$ or US-6899673-$ or US-6752758-$ or US-6554766-$ or US-5624380-$ or US-5275151-$ or US-5168864-$ or US-6875170-$ or US-4941454-$ or US-4906230-$).did.	US-PGPUB; USPAT	OR	ON	2006/08/08 15:19

S31	0	S30 and ("robo$5" or "servomechan$5")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 15:20
S32	10	S30 and robo$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:31
S33	10	S30 and servo$9	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:35
S34	5	S32 not S33	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 15:23
S35	5	S33 not S32	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 15:23
S36	2	S33 and thumb	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:31
S37	1	S30 and ("surgical" with "system")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:36
S38	19	S30 and ("surgical")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:59
S39	10	S32 and distal	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 16:59
S40	14	S26 and robo$6	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 17:45
S41	1	("5759151").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:45
S42	1	("6162171").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:46
S43	1	("6770027").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:46
S44	1	("5624380").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:47
S45	1	("5624380").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:48
S46	1	("6752758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:49
S47	1	("6835173").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:49
S48	1	("7025064").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:49
S49	1	("20050182298").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:50
S50	1	("6221070").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 17:50
S51	10	(US-20050182298-$).did. or (US-5759151-$ or US-6162171-$ or US-6770027-$ or US-5624380-$ or US-5368015-$ or US-6752758-$ or US-6835173-$ or US-7025064-$ or US-6221070-$).did.	US-PGPUB; USPAT	OR	ON	2006/08/08 17:50

S52	10	(US-20050182298-$).did. or (US-5759151-$ or US-6162171-$ or US-6770027-$ or US-5624380-$ or US-5368015-$ or US-6752758-$ or US-6835173-$ or US-7025064-$ or US-6221070-$).did.	US-PGPUB; USPAT	OR	ON	2006/08/09 10:34
S53	3	S52 and ("position" with "sensor")	US-PGPUB; USPAT	OR	ON	2006/08/09 10:38
S54	6	S52 and ("sensor")	US-PGPUB; USPAT	OR	ON	2006/08/09 10:42
S55	10	S52 and ("position")	US-PGPUB; USPAT	OR	ON	2006/08/09 10:48
S56	329970	catheter or endoscop$3 or probe	US-PGPUB; USPAT	OR	ON	2006/08/09 10:49
S57	80948	robot$3	US-PGPUB; USPAT	OR	ON	2006/08/09 10:50
S58	74897	thumb	US-PGPUB; USPAT	OR	ON	2006/08/09 10:50
S59	214035	(distal adj (tip or end))	US-PGPUB; USPAT	OR	ON	2006/08/09 10:50
S60	95462	position near sens$3	US-PGPUB; USPAT	OR	ON	2006/08/09 10:52
S61	54533	S56 and S59	US-PGPUB; USPAT	OR	ON	2006/08/09 10:52
S62	6753	S59 and S60	US-PGPUB; USPAT	OR	ON	2006/08/09 10:53
S63	2169	S62 and S56	US-PGPUB; USPAT	OR	ON	2006/08/09 10:53
S64	370	S63 and S57	US-PGPUB; USPAT	OR	ON	2006/08/09 10:53
S65	71	S64 and S58	US-PGPUB; USPAT	OR	ON	2006/08/09 10:54
S66	68	S65 and six	US-PGPUB; USPAT	OR	ON	2006/08/09 10:56
S67	47	S60 near S59	US-PGPUB; USPAT	OR	ON	2006/08/09 10:56
S68	43	S67 and S56	US-PGPUB; USPAT	OR	ON	2006/08/09 11:00
S69	1	S68 and S58	US-PGPUB; USPAT	OR	ON	2006/08/09 10:57

S70	54	("4273111" | "4286585" | "4499895" | "4503842" | "4543090" | "4601705" | "4753223" | "4790624" | "4846573" | "4884557" | "4899731" | "4930494" | "4977886" | "4987314" | "5090956" | "5188111" | "5239982" | "5250167" | "5268082" | "5337732" | "5347987" | "5368015" | "5389222" | "5396879" | "5431645" | "5482029" | "5486182" | "5492131" | "5535759" | "5556370" | "5556700" | "5624380" | "5631040" | "5645520" | "5651366" | "5662587" | "5771902" | "5819749" | "5855565" | "5857962" | "5873817" | "5906591" | "5916146" | "5957833" | "6071234" | "6109852" | "6117296" | "6162171" | "6249076" | "6428470" | "6468203" | "6514237" | "6547723" | "6679836").PN. OR ("6997870").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/09 12:59
S71	345100	catheter or endoscop$4 or probe	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 14:49
S72	24263	S71 and (robot$4 or servo $9)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 14:50
S73	21797	S72 and (control near distal (tip or end))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 14:51
S74	825	S73 and (end adj effector)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 14:52
S75	2	S74 and (thumb near control $4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:37
S76	298	S74 and (position near sens $3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:35
S77	1	("5792165").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 16:43
S78	1	S77 and thumb	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:40
S79	0	S78 and robot$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:40
S80	0	S77 and robot$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:40
S81	1	S77 and servo$9	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:41
S82	0	S77 and (position adj sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:41

S83	0	S77 and (position near sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:42
S84	0	S77 and (position near sens $6)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:42
S85	43	S76 and thumb	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:44
S86	36	S85 and six	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:44
S87	63	("3100489" | "3460539" | "3920021" | "3924608" | "3987795" | "4016881" | "4074718" | "4232676" | "4401952" | "4418692" | "4622966" | "4628928" | "4638799" | "4705038" | "4708578" | "4740126" | "4763669" | "4765331" | "4792173" | "4802476" | "4815463" | "4837734" | "4848338" | "4865376" | "4870964" | "4880015" | "4936842" | "4955918" | "4986723" | "5007908" | "5020388" | "5020535" | "5049148" | "5054332" | "5059203" | "5064340" | "5077506" | "5080682" | "5094247" | "5100284" | "5174300" | "5209747" | "5251611" | "5312391" | "5313306" | "5330502" | "5337732" | "5368015" | "5410638" | "5417210" | "5431645" | "5515478" | "5528955" | "5545120" | "5553198" | "5556370" | "5645520" | "5649956" | "5657429" | "5754741" | "5807376").PN. OR ("6296635").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 16:58
S88	49	("3730185" | "3888004" | "4258716" | "4320761" | "4672964" | "4688555" | "4763669" | "4838853" | "4861332" | "4872456" | "4877026" | "4880015" | "4940468" | "4978333" | "4986825" | "5024652" | "5026387" | "5112299" | "5133736" | "5174300" | "5176697" | "5209747" | "5224954" | "5254130" | "5258007" | "5275615" | "5281220" | "5282806" | "5282807" | "5282826" | "5300081" | "5308358" |	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/10 17:09

		"5314445" | "5318589" | "5330502" | "5350355" | "5350391" | "5368606" | "5374277" | "5383888" | "5403342").PN. OR ("5792165").URPN.				
S89	1	("6083170").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:10
S90	1	("5492131").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:12
S91	1	("6210407").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:12
S92	1	("6066125").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:13
S93	1	("6123699").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:14
S94	1	("6183463").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:15
S95	1	("6198974").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:15
S96	1	("5897529").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:17
S97	1	("5938603").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:20
S98	1	("5964757").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:20
S99	1	("6171277").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:21
S100	1	("6210362").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:21
S101	1	("6402719").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:22
S102	1	("6165139").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:27
S103	1	("6470205").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:29
S104	1	("20020128636").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:32
S105	1	("5078140").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:34
S106	1	("6400980").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:35
S107	1	("5391199").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:36
S108	1	("20020087151").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/10 17:37

S109	51	(US-20050182298-$ or US-20050203382-$ or US-20050107808-$ or US-20050080429-$ or US-20020183592-$ or US-20050215859-$ or US-20050187538-$ or US-20050090709-$ or US-20040193016-$ or US-20030195389-$ or US-20030069474-$ or US-20030023142-$ or US-20030018237-$ or US-20020062062-$ or US-20020022765-$ or US-20030069475-$).did. or (US-5368015-$ or US-7025064-$ or US-6162171-$ or US-6835173-$ or US-6770027-$ or US-5759151-$ or US-6752758-$ or US-6221070-$ or US-5624380-$ or US-5337732-$ or US-6296635-$ or US-5754741-$ or US-5657429-$ or US-4016881-$ or US-5417210-$ or US-5492131-$ or US-7052455-$ or US-6203493-$ or US-4340302-$ or US-6846286-$ or US-6745065-$ or US-4277168-$ or US-7087013-$ or US-6899673-$ or US-6554766-$ or US-5275151-$).did. or (US-5168864-$ or US-7066880-$ or US-6997870-$ or US-6679836-$ or US-6875170-$ or US-4941454-$ or US-4906230-$ or US-5906591-$ or US-5662587-$).did.	US-PGPUB; USPAT	OR	ON	2006/08/11 11:29
S110	0	S109 and (("end-effector" or "end" adj "effector") and ("robo$4" or "servo$9") and ("distal" with (tip or end)) and (thumb) and ("position" near "sens$5"))	US-PGPUB; USPAT	OR	ON	2006/08/11 11:34
S111	0	S109 and (("end-effector" or "end" adj "effector") and ("robo$4" or "servo$9") and ("distal" with (tip or end)) and ("position" near "sens$5"))	US-PGPUB; USPAT	OR	ON	2006/08/11 11:35
S112	8	S109 and ("end-effector" or "end" adj "effector")	US-PGPUB; USPAT	OR	ON	2006/08/11 11:37
S113	0	S109 and ("robo$5" or "servo$9" or "automatic$5")	US-PGPUB; USPAT	OR	ON	2006/08/11 11:38

S114	24	S109 and (robo$5 or "servo $9")	US-PGPUB; USPAT	OR	ON	2006/08/11 11:42
S115	4	S114 and thumb	US-PGPUB; USPAT	OR	ON	2006/08/11 11:42
S116	11	S109 and thumb	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 13:16
S117	0	S109 and ("position" near "sens$5")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 13:17
S118	16	S109 and ("position" near "sensor")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 13:48
S119	37	S109 and ("degree")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 13:48
S120	4	S109 and ("degree" with "six")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 13:49
S121	4	S109 and ("degree" with "multiple")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:13
S122	24	S109 and ("joystick")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:26
S123	8	S109 and ("end-effector or "end" adj "effector")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:27
S124	2	S109 and ("end-effector")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:27
S125	8	S109 and ("end" adj "effector")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:30
S126	0	S109 and ("deflec$5" with ("tip" or "end"))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:32
S127	0	S109 and (("deflec$5") with ("tip" or "end"))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:32
S128	0	S109 and (("deflect$5") with ("tip" or "end"))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:32
S129	0	S109 and (("deflect$5") near ("tip" or "end"))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:33
S130	0	S109 and (("deflect$5") near ("tip"))	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:34
S131	0	S109 and ("deflect$5")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:34
S132	17	S109 and (deflect)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:48
S133	1	("7025064").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 14:49
S134	1	S133 and handle	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:49
S135	24	S109 and handle	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 14:57
S136	0	("US6835173B2").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 14:57
S137	1	("6835173").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 14:58

S138	1	("6770027").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 14:58
S139	1	("20050107808").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 15:11
S140	1	("6296635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 15:11
S141	1	("5754741").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 15:12
S142	1	("5657429").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 15:12
S143	1	("5417210").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 15:13
S144	1	("7052455").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 15:13
S145	1	("20030069474").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 15:13
S146	1	("6997870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 15:14
S147	0	("US6679836B2").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 15:14
S148	1	("6679836").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 18:01
S149	1	("6837883").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 18:01
S150	1	S149 and thumb	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/11 18:02
S151	1	("6659939").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 18:03
S152	1	("5808665").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 18:03
S153	1	("7074179").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/11 18:03
S154	1	("6679836").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/14 08:48
S155	1	("6425865").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 10:53
S156	1	("5798627").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 10:54
S157	0	("66955786").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 10:54
S158	1	("6695786").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 10:57
S159	1	("6673021").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/17 10:57
S160	1	("6441577").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/21 10:06
S161	1	("5876345").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/21 11:19

S162	0	S160 and tracking	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 10:06
S163	1	S160 and position	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 10:07
S164	1	S163 and signal	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 10:07
S165	1	S164 and track	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 10:14
S166	1	S161 and position	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 10:14
S167	1	S161 and (position with sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 10:15
S168	1	S167 and rotate	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 10:56
S169	0	S168 and deflect	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 10:16
S170	0	S168 and deflec$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 10:16
S171	1	("5954654").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/21 11:17
S172	0	S171 and deflect	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:00
S173	0	S171 and (position with sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:01
S174	1	S171 and (position)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:05
S175	0	S174 and (deflection)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:13
S176	1	"6123699".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:13
S177	1	S176 and deflec$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:13
S178	208844	S177 an dposition	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:14
S179	1	S177 and position	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:14
S180	0	S179 and (position with sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:14
S181	0	S179 and (sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:14
S182	1	S161 and sector	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:29
S183	0	S161 and (sector with format)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:19
S184	1	"5571085".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:30
S185	1	"5395329".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/21 11:30

| S186 | 53 | ("5876345").URPN. | USPAT | OR | ON | 2006/08/21 11:32 |

10/9/2008 11:08:05 AM

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